

“Progress Toward Eliminating Healthcare-Associated Infections” – October, 2011
Centers for Medicare & Medicaid Services (CMS)

Surgical Care Improvement Project (SCIP)

- **Data source:** Hospital Compare downloadable data zip files
- **Web site:** <http://www.hospitalcompare.hhs.gov/staticpages/help/hospital-resources.aspx>
- **5-Year (2013) National Prevention Target:** 95% adherence to process measures to prevent surgical site infections (SSIs)
- **Baseline period:** FY 2006 to FY 2008
- **Baseline data:** Acute care and critical access hospitals that voluntarily submit SCIP data to CMS and agree to have their data publicly reported on Hospital Compare.
 - The number of hospitals reporting SCIP data in FY 2006 (3,070), FY 2007 (3,699), and FY 2008 (3,760).
- **Current data:** FY 2010; 3,815 hospitals reporting SCIP data.

Measure (and calendar quarter hospitals required to submit data for the Hospital Inpatient Quality Reporting Program)	FY 2006			FY 2007			FY 2008			FY 2009			FY 2010			RIR*
	Num	Den	Rate (%)	Num	Den	Rate (%)	Num	Den	Rate (%)	Num	Den	Rate (%)	Num	Den	Rate (%)	Rate (%)
SCIP Inf 1: Abx within 1 Hr Before Incision or within 2 Hrs if Vancomycin or Quinolone is Used (3Q2006)	644,141	772,122	83	925,328	1,062,744	87	976,392	1,075,088	91	1,038,509	1,087,088	96	1,087,715	1,121,725	97	11
SCIP Inf 2: Received Prophylactic Abx Consistent with Recommendations (1Q2007)	n/a	n/a	n/a	975,913	1,055,102	92	1,030,919	1,080,607	95	1,072,588	1,098,484	98	1,104,114	1,133,210	97	3
SCIP Inf 3: Prophylactic Abx Discontinued within 24 Hrs of Surgery End Time or 48 Hrs for Cardiac Surgery (3Q2006)	542,624	737,420	74	809,741	1,017,236	80	887,747	1,019,684	87	957,146	1,034,781	92	1,022,721	1,075,482	95	17
SCIP Inf 4: Controlled 6 AM Postoperative Serum Glucose - Cardiac Surgery (1Q2008)	n/a	n/a	n/a	n/a	n/a	n/a	79,283	89,445	89	170,266	184,631	92	171,109	182,669	94	6
SCIP Inf 6: Appropriate Hair Removal (1Q2008)	n/a	n/a	n/a	n/a	n/a	n/a	827,331	856,097	97	1,558,168	1,574,923	99	1,613,624	1,619,940	100	3

*RIR = Relative Improvement Rate: (FY 2010 - avg baseline) *100/ avg baseline. Decimals were included during the computation.

Baseline calculation: weighted average of three fiscal years (sum numerators / sum denominators)

n/a: not available

CMS released SCIP Inf 2 data in Q4 2006; Inf 4 and Inf 6 not required for reporting until 1Q 2008